20010729.qrp v02_n265.qrl.20010729

Date: Sun, 29 Jul 2001 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2265

QRP-L Digest 2265

Topics covered in this issue include:

 1) [103685] FS: Pocquet-PC
 by Mark E Gustoff <wo7t@juno.com>
 2) [103686] TS-450S antenna tuner on 60M
 by "Mike Czuhajewski" <wa8mcq@erols.com>
 3) [103687] All about the Sun
 by Ray Sills <raysills@1stconnect.com>
 4) [103688] FS REDUCED
 by paul taylor <ptay1253@yahoo.com>
 5) [103689] F/S hx 10
 by paul taylor <ptay1253@yahoo.com>
 6) [103690] Re: Lighthouse QRP Photos
 by N1EU <n1eu@yahoo.com>
 7) [103691] Re: Colorado Gold Rush K0FRP
 by N1EU <n1eu@yahoo.com>
 8) [103692] CQ AA - The Power Managment Contest - Piggybacking the NA CW
 QSO Party
 by Larry Cahoon <lejek@erols.com>
 9) [103693] I DID have a Radio at Camp
 by "Mike Yetsko" <myetsko@insydesw.com>
 10) [103694] Re: CQ AA - The Power Managment Contest
 by "N7SG K7FD" <k7fd@hotmail.com>
 11) [103695] Re: TS-450S antenna tuner on 60M
 by "Larry Wise" <lewise@txwises.com>
 12) [103696] FS K1 0196
 by "Rod Cerkoney, N0RC" <rod@n0rc.com>
 13) [103697] Re: OT-Deskjet 600-help needed
 by Steve <semann@tcia.net>
 14) [103698] SMK-1 no rx
 by "Erik Werner" <ewerner@foundrynet.com>
 15) [103699] SMK-1
 by Shephed@aol.com
 16) [103700] FOX: N1FN Log for Hunt 9
 by "Marshall Emm" <mgemm@mtechnologies.com>
 17) [103701] New Products at Morse Express
 by "Marshall Emm" <mgemm@mtechnologies.com>
 18) [103702] Tnx George!
 by "N7SG K7FD" <k7fd@hotmail.com>

19) [103703] QRP or QRO/QRP???
 by Michael Bower <bowerm@ix.netcom.com>
20) [103704] Re: QRP or QRO/QRP???
 by "David Porter" <aa3ur@home.com>
21) [103705] Log Periodic Dipole Arrays - EZNEC
 by "Mark Fancher" <mmfancher@earthlink.net>
22) [103706] Re: QRP or QRO/QRP???
 by "Tom Azlin" <tom@nilza.org>
23) [103707] Re: TS-450S antenna tuner on 60M
 by Bruce Muscolino <w6toy@erols.com>
24) [103708] Re: Lighthouse QRP Photos
 by Pete Burbank <plburbank@kih.net>
25) [103709] Re: 6 Pack Test
 by George Gingell <k3tks@u1.abs.net>
26) [103710] 7/29 0410z 7S0MG QRV on 18076
 by "Rod Cerkoney, N0RC" <rod@n0rc.com>
27) [103711] Re: CQ AA - The Power Managment Contest - Piggybacking the NA
 CW QSO Party
 by Pete Burbank <plburbank@kih.net>
28) [103712] 7/29 0447x LZ1ND QRV on 18077.5
 by "Rod Cerkoney, N0RC" <rod@n0rc.com>
29) [103713] K0EVZ Bumble Bee plans changed
 by "Wilford D. Lindsey" <70511.3041@compuserve.com>
30) [103714] Bumble Bee Contest Sunday - N9AW and NK9G
 by "Jerry Scherkenbach" <jerrys@execpc.com>
31) [103715] Fox log Hunt #10 - N9AW
 by "Jerry Scherkenbach" <jerrys@execpc.com>
32) [103716] Re: QRP or QRO/QRP???
 by "Mark J. Dulcey" <mark@buttery.org>
33) [103717] Ptick keyer problems
 by Wayne <aa5jj@swbell.net>
34) [103718] WB3AAL Bumble Bee plans possible change
 by "Ron Polityka" <wb3aal@fast.net>
35) [103719] TEST 5
 by Wayne <aa5jj@swbell.net>
36) [103720] Re: TEST 5
 by "Ingo DK3RED" <dk3red@t-online.de>
37) [103721] SOC Website etc...
 by "w8diz" <w8diz@fpqrp.com>
38) [103722] Email problems
 by Wayne <aa5jj@swbell.net>
39) [103723] Test 6 yahoo email problem
 by Wayne Williams <aa5jj@yahoo.com>
40) [103724] Re: Email problems
 by "Ingo DK3RED" <dk3red@t-online.de>
41) [103725] WBR Question
 by "Phil (VA3UX)" <phil@vaxxine.com>
42) [103726] Bees Taking Flight!

by "Ken La Rose" <kenlar@csolve.net>
43) [103727] "Bees?... What Bees???" (Bre'r Bear)
by "ss lyon" <sslyon@megalink.net>
44) [103728] RE: Final Roster for the BUMBLEBEES--broken link
by Nick Kennedy <nkennedy@tcainternet.com>
45) [103729] Fort Tuthill
by "Karl F. Larsen" <k5di@zianet.com>
46) [103730] Re: QRP or QRO/QRP???
by "Phil (VA3UX)" <phil@vaxxine.com>
47) [103731] Sea Bee's...
by "N7SG K7FD" <k7fd@hotmail.com>
48) [103732] July 2001 QRP Quarterly Late--Editor Falls on His Sword!
by "Craig W. Behrens" <craigwb@hiwaay.net>
49) [103733] Southern Style QRP Camp-Out Menu for the Huntsville Hamfest
by "Craig W. Behrens" <craigwb@hiwaay.net>
50) [103734] Bumblebee Alert...
by "Michael C. Boatright" <ko4wx@mindspring.com>
51) [103735] N3EPA Bumble Bee #35 canceled
by "Ron Polityka" <wb3aal@fast.net>
52) [103736] Bumblebee rules
by Nick Kennedy <nkennedy@tcainternet.com>
53) [103737] Bumble Bee #89 to be QRV
by NM5Mike@aol.com
54) [103738] Re: Oscillators
by Dan Tayloe <dtayloe@home.com>
55) [103739] W3IRZ Bumble Bee #96 canceled
by "Mike Branca" <w3irz@att.net>
56) [103740] Re: WB3AAL Bumble Bee plans possible change
by Dave Fouchey <dafouchey@home.com>
57) [103741] Re: Southern Style QRP Camp-Out Menu for the Huntsville Hamfest
by "Jeff Davis" <n9avg@home.com>
58) [103742] W6ABC Portable from Mendocino
by Jack WsixABC <w6abc@yahoo.com>
59) [103743] K4FB/BB out of action
by Paul Womble <pwomble1@tampabay.rr.com>
60) [103744] Re: 6 Pack Test
by Larry Cahoon <lejek@erols.com>
61) [103745] AA1MY/BB now on 21.06 +/-
by "ss lyon" <sslyon@megalink.net>
62) [103746] Ptick keyer problems GOT IT TO WORKING
by Wayne <aa5jj@swbell.net>
63) [103747] FOBB: Rain reigns on the coast...
by "N7SG K7FD" <k7fd@hotmail.com>
64) [103748] Re: July 2001 QRP Quarterly Late--Editor Falls on His Sword!
by William R Colbert <w5xe@juno.com>
65) [103749] More Tuthill
by "Karl F. Larsen" <k5di@zianet.com>
66) [103750] "Nearest Star"

 by "George Lee" <georgekr5c@cablelynx.com>
 67) [103751] Re: [qrparci] July 2001 QRP Quarterly Late--Editor Falls on His Sword!
 by "Mike Czuhajewski" <wa8mcq@erols.com>
 68) [103752] Oscillators
 by Pete Burbank <plburbank@kih.net>
 69) [103753] Re:%20[qrparci]%20July%202001%20QRP%20Quarterly%20Late--Editor%20Falls%20on%20Hi
 by Fghester@aol.com

Date: Sat, 28 Jul 2001 16:04:36 MST
From: Mark E Gustoff <wo7t@juno.com>
To: qrp-l@Lehigh.edu
Subject: [103685] FS: Pocquet-PC
Message-ID: <20010728.160544.-118133.0.wo7t@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Now surplus to my needs, and availble to anyone wanting a
terminal for tight places, or logging capabilities in the field
without toting a full-size laptop:

Pocquet PC in excellent condition with
4MB Ram Card
2 battery packs (both with new high current AA replacements)
Outboard external Charger
AC Power Supply
Serial Port Adapter plug
Photocopied Manual.

This unit served me well as dedicated DX packet cluster terminal used
with my Baycom BP-2M TNC. Sits on desk in same space a large 2M
would utilize.

$50 + $5 towards shipping (lower 48 states)

72,
Mark

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http://dl.www.juno.com/get/tagj.

Date: Sat, 28 Jul 2001 19:17:05 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-l@lehigh.edu>
Cc: <wa8mcq@erols.com>
Subject: [103686] TS-450S antenna tuner on 60M
Message-ID: <001b01c117bb$6bab5bc0$8934fea9@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the recent thread about running some rigs QRP on 60M (just above 5 MHz), the question of internal antenna tuners working there came up. Someone mentioned that he could hear a click on the TS-450S when the frequency went up to 4.000, and that the internal tuner would not work on MARS frequencies immediately above 4.000. Been there, done that, have the T-shirt :-)

This topic came up in 1993 while I was still working part time fixing rigs at a local ham store (now closed). Someone wanted to work a MARS net with this rig but the internal antenna tuner would not work there. I did a bit of research in the manual, recommended a mod to him, he implemented it and reported back that it worked fine. I wrote it up and posted it somewhere online. (I believe I submitted it to QST for Hints & Kinks but had it turned down due to the limited application.) I dug out a copy from the QRZ.com mods files. (Although the date indicates 1998, I actually wrote it in 1993. Perhaps 1998 is when they added it to their archives.) Here's the text, slightly modified to correct a typo near the end.

Subject: TS450S Mars/CAP Antenna Tuning

The Kenwood TS-450S (and TS-690S, which is the same radio with 6 meters added) is capable of being modified for operation on MARS frequencies. Unfortunately, the optional internal antenna tuner cannot be used on those MARS frequencies which are immediately above 4.000 MHz. Although this modification is not currently authorized by Kenwood, to the best of my knowledge, it will allow the internal tuner to be used on those frequencies.

The tuner contains an inductance consisting of 3 coils: an airwound coil with 4 taps, in series with a pair of coils wound on powdered iron toroid cores. For operation on 80/75 meters, the entire inductance is used. On higher bands, various points along this inductance are shorted to ground to reduce the total inductance. This is done by a set of 6 relays, controlled by signal lines designated as 28A, 25A, 21A, 14A, 10A and 7A. For example, if you wish to operate on 7 MHz, the 7A line becomes active, energizes relay K106 (through choke L106) and shorts out one of the toroid coils, leaving the other toroid in the circuit, along with the entire airwound coil. When you get to 28 MHz, only a small portion of the airwound coil is used.

The problem with operating on 4+ MHz MARS frequencies is that the control logic of the radio activates the 7A line as soon as the frequency hits 4.000 MHz. This reduces the inductance considerably, and it is not sufficient to allow the tuner to tune at that frequency. It will tune at frequencies lower than 7.0 MHz, but not this low.

The fix is simple enough--keep the 7A signal from reaching the relay when operating there. The simplest way to do it is to insert a switch in series with the 7A line. To operate normally, leave the switch closed so the relay will operate normally. To operate on MARS frequencies just above 4.000 MHz, open the switch. The radio will activate the 7A line but the signal will not get to the relay, the coil will not be shorted out, and there will be enough inductance to tune your antenna.

How to open the line? Unfortunately, I don't have one of these rigs available to examine at the moment so I can only go by the drawing in the service manual. I can't tell if cable W103, which plugs onto the tuner board which contains the relays and coils, is a ribbon cable or made of discrete wires. If wires, you can simply cut the proper one, solder some long wires on both ends, and run them outside the rig to the switch. The connector is along one side of the circuit board, with one end near a screw hole. The pin nearest to the hole is ground. The next one is 7A.

If it is a ribbon cable, it will be very difficult to tap into it. You can lift one end of choke L106 instead, and run wires from the lead and the empty hole to the switch. You can snake the wires out through a hole in the cabinet somewhere, or you could mount the switch on the rear panel immediately behind the antenna tuner. (I was told that it contains a small, replaceable piece of metal.)

Remember, open the switch for MARS operation immediately above 4.000 MHz, and leave it closed for all other operation.

Disclaimer: Perform this modification at your own risk, and be aware that it may void the warranty on the radio. (To the best of my knowledge, Kenwood does not currently authorize this modification.) I assume no responsibility for any consequences of performing the mod, although I do know of one case in which it was done and operation was atisfactory. --WA8MCQ, 29 May 1993

More 2001 comments: I have no personal experience using or even performing this mod. I just did a bit of study in the manual and made a suggestion on what to do, but the person reported that it did work well. Although this mod pertains to one specific rig, the basic info may well apply to other Kenwood models (probably with different connector and coil numbers), and perhaps to other brands as well.

Will it be necessary to do this to operate at 60M? I can't answer that one since I don't have one of these rigs to play with. MARS frequencies just above 4.000 MHz are not much of a stretch, being just outside a ham band the tuner is designed for, but 5+ MHz is getting a bit far from both bands. My gut feeling is that it would probably work to some extent with the tuner in one of the two band-modes, but quite possibly with limited range. Here's a good chance for someone to experiment.

73 and queue our pea DE WA8MCQ

Date: Sat, 28 Jul 2001 19:19:28 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [103687] All about the Sun
Message-ID: <B7881D87.796D%raysills@1stConnect.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Group:

Those of you who, like I do, enjoy the posts to the list by Paul Harden, NA5N about Solar activity and how it relates to HF propagation, might enjoy reading a very good current book about our sun, called "Nearest Star," by Leon Golub and Jay M. Pasachoff. It's a nice layperson's explanation of the science of solar research and the physics of the sun. Published by Harvard University Press, Cambridge, MA. ISBN 0-674-00467-1.

73 de Ray
K2ULR
FN20tl

Date: Sat, 28 Jul 2001 16:46:32 -0700 (PDT)
From: paul taylor <ptay1253@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [103688] FS REDUCED
Message-ID: <20010728234632.34972.qmail@web14308.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

F/S mfj451 keyer/keyboard
used for demos.
need cash for move
$25.00 to your door

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http://phonecard.yahoo.com/

Date: Sat, 28 Jul 2001 16:49:30 -0700 (PDT)
From: paul taylor <ptay1253@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [103689] F/S hx 10
Message-ID: <20010728234930.92321.qmail@web14305.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

F/S hx 10 hardly used. never mobile.
25w fm,ssb 10cw (adapter included)

$95.oo to your door
paul wb2gin/qrp

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http://phonecard.yahoo.com/

Date: Sat, 28 Jul 2001 16:55:42 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [103690] Re: Lighthouse QRP Photos
Message-ID: <20010728235542.84465.qmail@web14603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Fantastic job on the Web site John, in lightning quick
time! Really great photos and layout.

Nice to work you today & hope you and everyone else

has clear skies tomorrow!

See you from the Taconic Mtn Ridge, tristate border of
NY, VT, MA

73,
Barry N1EU/BB

Do You Yahoo!?
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http://phonecard.yahoo.com/

Date: Sat, 28 Jul 2001 16:58:52 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [103691] Re: Colorado Gold Rush K0FRP
Message-ID: <20010728235852.25667.qmail@web14604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Guess the propagation was funny since FWIW Al, you
were LOUD in upstate eastern NY today. Big signal out
this way.

73,
Barry N1EU

Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

Date: Sun, 29 Jul 2001 00:14:51 +0100
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Cc: wd3p@arrl.net
Subject: [103692] CQ AA - The Power Managment Contest - Piggybacking the NA CW
 QSO Party
Message-ID: <5.0.2.1.0.20010729000212.009fbc60@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Following up on Alan's (KB7MBI) idea and as test of the concept I'm proposing that we piggyback the NA QSO Party CW contest next weekend for a trial run. This is a first shot at a set of rules. I'll fine tune them and put out the final set early next week. If this works out well perhaps we can try it on more contests or create a standalone contest.

CQ AA - The Power Management Contest

This is a short 12 hour contest of which you can only operate for 10 hours. There is a 100 watt power limit on the contest so it is perfect for jumping into QRP. The contest runs Saturday/Sunday Aug. 3-4, 1800Z to 0600Z.

This contest is active enough that you should be forced to conserve power or you won't be able to work the entire contest. Let's see if that is true.

I don't have a color printer or any fanny stuff so this one is for fun. E-mail me a summery sheet after the contest and I'll post the results.

Rules:

Use any rig or rigs but you are limited to 10 AA batteries. Use any type - NiCD, NiMH, Alkaline, Renewal, or whatever you can find. You can only use one set of batteries. Once they are dead you are out of the contest.

You cannot listen on one rig and transmit on a second rig unless both rigs are using the same set of batteries.

You cannot use a charger of any type during the contest. You are limited to the charge on the batteries prior to the start of the contest.

Scoring - use NA QSO Party rules. That is QSOs times total of all SPC across the bands.

Since this is a QRP group you are limited to 5 watts. There are no power classes. You can use a different power level for each QSO if you want. You will have to decide if it is better to use 100 mWatts and have to call the guy five times with three repeats to get him, or better to use 5 Watts and get him on one try. What you do may depend on how strong the other station is and if he a new multiplier. There are lot of issues to consider - strategy will be important. Should you use that power hungry rig to get a few multipliers on another band? Think about your strategy early on.

Reporting - send summery sheet to wd3p@arrl.net It should include a

description of your set up and how you conserved power, what rigs you used, what batteries you used and the rating, and how many hours you operated. Also indicate why you ended the contest - batteries dead, rig needed more power than batteries could give, just felt like stopping, or whatever. Also provide a count of the total number of QSOs and SPCs per band plus your claimed score. Reports are due by Aug. 31, 2001. I'd like them earlier if possible.

73 de Larry.................WD3P in MD
http://www.qsl.net/wd3p/

Date: Sat, 28 Jul 2001 20:43:17 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103693] I DID have a Radio at Camp
Message-ID: <003d01c117c7$79454c80$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got back from camp today.

I spent the week at Treasure Valley Boy Scout Reservation just outside of Paxton, Ma (NW of Worcester).

I took along my K2. Forgot a few things, like my key, but other than that... I did have a desk mic in the box though. (I was hoping to use some of my time to try to brush up on some CW that has SEVERELY atrophied in recent years.)

My K2 has the SSB, NB, ATU, and IO options. I have a 160M kit but that's not in it yet.

I do NOT have the internal battery. I could have taken a 17ah battery along, but I elected to have a little bit more margin with a 24ah battery. Besides, my 24ah was a gel-cell, the 17ah was a motorcycle liquid acid battery.

My antenna was a 40M dipole made with three pieces of Plexiglas and some 28ga speaker wire, fed with Radio Shack 300 ohm twinlead. I plugged into the K2

with 'binding post to BNC' adapter.

I was going to set it up under the 'hard shelter' but
decided to keep it a bit more 'out of site' except when
I was 'showing it off' kind of thing. So it was run in
my tent next to my bunk.

I'll give more details later, but I DID manage to work
the National Scout Jamboree.

AND managed to check into the NEQRP SSB net on
Tuesday night.

And a few other contacts as well...

All at 5w dialed in on the K2.

There was one very negative issue, but I'll leave that
for later as well...

Overall... It was a blast... And while not that many
people stopped by to see it, the word WAS spread that
there was a radio station in camp 'in contact' with
the National Jamboree and it was generally commented
on as being 'pretty neat'. (Well, something else was
said in small groups occasionally, but this has to be
a more 'family' type posting!)

Mike
N1DVJ

Date: Sat, 28 Jul 2001 17:53:27 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: lejek@erols.com, qrp-l@Lehigh.EDU
Subject: [103694] Re: CQ AA - The Power Managment Contest
Message-ID: <F79f69aZbLAX3cf3edn0000339b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Sounds like a winner! Thanks for coming up with an interesting idea!

CQ AA sounds more like a booze management contest, but hey it's a start...

73 John K7FD

>CQ AA - The Power Management Contest

>73 de Larry.................WD3P in MD

Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

Date: Sun, 29 Jul 2001 01:02:33 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>, "wa8mcq@erols.com" <wa8mcq@erols.com>
Subject: [103695] Re: TS-450S antenna tuner on 60M
Message-ID: <200107290103.UAA86865@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Mike:

Thanks for the info on the TS450/690...

Just what the doctor ordered...

Larry KA5T
Georgetown, Texas

Date: Sat, 28 Jul 2001 19:10:55 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list"
<elecraft@qth.net>
Subject: [103696] FS K1 0196
Message-ID: <004401c117cb$5254e5a0$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

$275 Shipped/Insured CONUS

Basic K1 for 20/30m

Pictures and build notes at:

http://www.qsl.net/n0rc/pics/k1.html

To many rigs not enough op time, a rig likes this needs to ne active
;-)

73, Rod N0RC
Ft Collins, CO

Date: Sat, 28 Jul 2001 21:23:13 -0400
From: Steve <semann@tcia.net>
To: wb8rcr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103697] Re: OT-Deskjet 600-help needed
Message-ID: <3B636581.B23ED5FC@tcia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the earlier version of the HP Deskjet 600 which has
only one cartridge position.
Just thought you would like to know that you're both
correct.
Steve, N4EY

"John J. McDonough" wrote:
>
> No
>
> There are 2 cartridge positions and 3 possible cartridges. If you are
> really picky about photos, the black cartridge can be replaced with a
> "photo" cartridge. The photo cartridge does make photos look a little
> better, especially if they contain large, light colored areas, and if they
> are printed on photo paper, but for general use, photos print just fine with
> the black cartridge installed. The photo cartridge does have black ink, but
> not much of it.
>
> For normal use, both cartridges should have blue tops. If the right-hand
> cartridge has a purple top, replace it with a black cartridge (51629A)
> unless you are printing photos. The photo cartridge is 1816A and the color
> cartridge, the one always in the left hand bay, is 51649A.

>
> Although this is a cheap printer to buy, it is an expensive printer to
> operate (although the driver seems less buggy than the 7xx or 8xx printers).
> The cartridges hold about a third the amount of ink of the others, but cost
> almost the same.
>
> 72/73 de WB8RCR http://members.home.com/wb8rcr/index.htm
> didileydadidah QRP-L #1446 Code Warriors #35
>
> ----- Original Message -----
> From: "Mike Yetsko" <myetsko@insydesw.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, July 28, 2001 11:37 AM
> Subject: Re: OT-Deskjet 600-help needed
>
> > If I'm not mistaken, I believe the 600 is color "OR"
> > B&W. Don't you have to pull out the color cartridge
> > and put in a 'black only' to make it black and white?
> >
> > Mike
> >
> > ----- Original Message -----
> > From: David Shalita <davidr@cnmnetwork.com>
> >
> >
> > > Embarassed but I really need help with an old Deskjet 600 printer.
> > > My requests on hardware newsgroups provided nothing so I hope this group
> > > might yield something.
> > >
> > > DJ600 was just given to me, missing are USER GUIDE and software.
> > > Does print, and is stuck in color so cannot do Black-white deskew.
> > > Desperately need section 7 info from USERS GUIDE telling how to
> > > switch to BLACK-WHITE or switch to COLOR mode.
> > > Hope some Deskjet 600 owner can help.
> > > Info from similar Deskjet models may also help.
> > >
> > > Thank you and AGAIN my appologies. Please respond to me directly.
> > > 73, W6MIK, Dave
> > >
> >

Date: Sat, 28 Jul 2001 21:35:07 -0400
From: "Erik Werner" <ewerner@foundrynet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103698] SMK-1 no rx
Message-ID: <MABBLEAIJNNGHGNLEJIPGEBBCJAA.ewerner@foundrynet.com>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings, a quick question for the group.

I built a smk-1 some time ago. TX works fine, but no RX. I thought it may have been the SMT audio amp, so I replaced it with a 386 normal size. (It sits on long legs). Now I get static and if I key down, I can tell that it shuts the RX off. But that's all I hear is static even when keying the 706 sitting right next to it. Anything else I can check? How can I tell if the XTAL is in fact oscillating?

Thanks

Erik/KD5CTJ

Date: Sat, 28 Jul 2001 21:40:38 EDT
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [103699] SMK-1
Message-ID: <103.6ad6b06.2894c396@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey all,
I have an un-built SMK-1 kit I would like to trade, I'm looking for a Kenwood yk88c CW filter for my TS-830.

I don't want to sell the kit.

72, 73, oo's
Dan, N8IE Kettering,Oh
"God speed Dale, rest in peace"

Date: Sat, 28 Jul 2001 19:54:50 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [103700] FOX: N1FN Log for Hunt 9
Message-ID: <3B63188A.24211.19CD64C@localhost>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Sorry it's taken so long to get this typed up and posted. Please advise any typos as soon as you can, direct to n1fn@mtechnologies.com.

73 DE ET
Marshall, N1FN

QRP-L 20M Fox Hunt, 07/26/01

Time	Station	RST	SPC	Name	Pwr
0200	N9AW	599	WI	JIM	5W
0201	K0EVZ	599	ND	DOC	5W
0201	N5TW	559	TX	TOM	5W
0202	K0FRP	559	CO	AL	5W
0202	NK9G	559	WI	RICK	5W
0203	K8CV	559	MI	WALT	5W
0203	N1EU	599	NY	BARRY	5W
0204	NK6A	559	CA	DON	5W
0204	N6WG	559	CA	BOB	5W
0205	K4FB	559	FL	PAUL	5W
0205	KE6RS	559	CA	RON	5W
0206	K5AAR	559	OK	DON	5W
0208	N9NE	599	WI	TODD	100MW
0208	W9HL	559	IL	RANDY	5W
0209	WA7SPY	559	CA	GLENN	5W
0209	KA1DDB	559	MI	MIKE	5W
0210	K5DW	559	TX	DON	5W
0211	K3NG	559	PA	GOODY	3W
0211	W8RU	599	MI	RON	5W
0212	NV4V	559	KY	PETE	5W
0213	K5LN	559	TX	BILL	5W
0213	K4TJD	559	GA	TOM	5W
0214	W5USJ	559	TX	CHUCK	5W
0215	K1VP	599	NH	ED	5W
0215	K5YU	559	TX	HARV	5W
0216	N4MAP	559	GA	SAM	5W
0217	N4ROA	559	VA	DAN	5W
0217	K5JHP	559	TX	BILL	5W
0217	N1TP	559	TX	TOM	5W
0218	NX8C	559	MI	NEIL	5W
0219	KA3WMJ	559	PA	KEN	5W
0220	N4OT	559	VA	ANDY	5W
0220	AA7XA	559	OR	FRANK	5W
0221	K4GT	559	GA	JIM	5W
0222	W5YR	559	TX	GEORGE	5W
0223	KV4EE	559	SC	CRAIG	5W
0224	AD6JV	559	CA	BILL	5W

0224 WV9N 559 OH RANDY 5W
0225 W9PNE 599 IL BRICE 5W
0226 WA9TZE 559 WI JIM 3W
0226 K4BYF 559 FL JACK 5W
0227 KB1ENS 599 VT JOHN 5W
0228 W4NJK 559 CA CHARLIE 5W
0229 KC1FB 559 CT JIM 5W
0230 W5RH 559 TX DICK 5W
0230 K4MF 559 FL GARY 5W
0231 W5JAY 599 AR JAY 1W
0232 N5YFC 559 LA WAYNE 5W
0233 W5XU 559 LA DAVID 5W
0234 KJ0C 559 MO JIM 5W
0234 VA6RF 559 AB EARL 5W
0236 W9XU 559 WI LON 5W
0236 KI0RB 559 CO VINCE 5W
0238 KK7GG 559 OR MIKE 5W
0239 AA5O 559 LA VERN 5W
0240 K7FD 599 OR JOHN 5W
0240 AD4J 559 GA JIM 5W
0241 KI0II 559 CO RON 1W
0242 WE9K 599 WI GLENN 5W
0244 VE6EX 559 AB DAN 5W
0245 AJ9U 559 WI BOB 5W
0247 AC6UV 559 CA GOODY 5W
0247 AB0CD 559 CO DICK 5W
0248 VE5RC 559 SK BRUCE 5W
0248 N51B 559 LA JIM 5W
0249 AC5JH 559 OK TOM
0252 N5JI 559 TX RICH 5W
0254 K5EOA 559 LA WAYNE 5W
0302 KD7CTF 559 OR LEE 5W
0303 LZ2RS 559 LZ RUMEN 5W
0305 AA4LR 549 GA BILL 5W
0306 N5JI 559 TX RICH 5W DUPE
0307 K5OI 559 NM TIM 5W
0310 W0CH 559 MO DAVE 5W
0317 NQ7T 559 WA GARY 5W
0319 KB7WW 449 OR ART 5W
0327 NM5N 559 TX ERIC 5W
0328 AE4YP/8 599 MI RON 120W
0331 N2WW 559 CO LARRY 5W
0347 KG4FSN 559 FL JUAN 4W
0348 WB8WTU 559 OH DENNIS 2W
0355 AG0T 559 ND TODD 5W
0358 KD5KXF 559 TX MIKE 5W
0400 N1FN 559 CO FOX 5W

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
http://www.mtechnologies.com

Date: Sat, 28 Jul 2001 19:56:57 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [103701] New Products at Morse Express
Message-ID: <3B631909.32479.19EC782@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

We still seem to be developing new products and lines faster than we can announce them! Again, I'll try to be brief.. but for more info you can visit our web site at http://www.MorseX.com and click on the "What's New" button. Or call us on (303) 752-3382.

NEW PADDLE FROM SCHURR!
Schurr Morsetasten has introduced a new paddle, the "Mini Portable." It's based on the famous "Portable Wabbler" but is mounted on a mahogany base. It's very reasonably priced at $189.95 (compared to $250 for the brass base Portable). See the new Mini Portable at http://www.MorseX.com/schurr .

NEW KOB! (?!)
Now in stock, the "Telegrapho" KOB (key on board) is a straight key with SOUNDER from LTA in Spain. Nicely done in gold plated brass on rosewood, this could be the only KOB made in the 21st century. The sounder works on 9- 12VDC, and this is a great way to see what code sounded like for generations of land-line telegraphers. It's $109.95 and you can see it at http://www.MorseX.com/lta .

NEW 817 MINI PADDLE FROM PALM RADIO
Palm Radio has released a new version of their excellent miniature paddle, especially to match the Yaesu FT-817. It's all black, and includes magnets, quick-mount, and cord, for $74.95. Photo can be found at http://www.MorseX.com/palm/index.htm#817 .

MORSE KEYBOARD ENCODER KIT
The Alspaugh Morse Keyboard Encoder is back, and for the first time it's available in kit form. Plug in any AT-style keyboard and send Morse by typing! The encoders and kits are now produced by Morse Express under license. The assembled, ready to plug and play encoder is $59.95 and the kit is $49.95. See them at http://www.MorseX.com/alspaugh .

NEW TOOLS
An electronic screwdriver set and a folding magnifier, at
http://www.MorseX.com/tools .

HOOKUP WIRE
Hookup wire? Well, we got so many requests we decided to make the wire cable that comes with OHR kits available as a separate product. It's a 25 conductor cable, consisting of 22AWG stranded insulated wires in 25 colors! A 3' length (that is, 75 color/feet) is $6.00
http://www.morsex.com/ohr/parts.htm .

Last but not least, I really hate "announcing" something that is not for sale, but in our last shipment from Germany I received my long-awaited Schurr Bug. I was so impressed I photographed it and put it on my key collection page (the first update in many many months) If you'd like to see it, go to http://www.MorseX.com/n1fn/keys.htm#sbug .

As always, you can order on our secure server at http://www.MorseX.com, or use our toll-free credit card order line (800) 238-8205, or mail to Morse Express, 2460 S. Moline Way, Aurora CO 80014. For more information about the items mentioned here or any of our other products, visit our web site or call (303) 752-3382.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
http://www.mtechnologies.com

Date: Sat, 28 Jul 2001 19:06:51 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: elecraft@qth.net
Subject: [103702] Tnx George!
Message-ID: <F1542A1IkleVNnZYe6C000087da@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

It's been nearly two years since that fateful day I worked George W3ANX operating his K2 from a local park. At the time, I didn't know what a K2 was for sure, but somewhere I'd heard about them. And he sure sounded great; and from a park no less! This sounded like real fun with ham radio...like Field Day without waiting for June!

That spark that George sent my way eventually lit the qrp fire in this op -

and before I knew it, I had new friends by the name of Eric and Wayne. Who are these guys? Geez, they have time for ME? Wow!

QRP for me means several things, but mostly QRPeople. I began reading the mail here and found out about Fox Hunts, Adventure Radio, and the like. But all I really wanted was to be 'like George' and operate from a park! I had the park, now I had the radio, but the one thing I was missing, at least from my perspective, was the energy to 'hike in' and do it! I didn't feel good about myself, especially packing around some mighty extra weight. I read with envy the stories in the ARS Sojourner and wondered what it was like to have that kind of energy!

Today, thanks in part to George and the QRP community, I'm 32 pounds lighter. I'm not ready for the ring yet, but hey, I DO feel like I can 'hike in' now. And I can enjoy going to the park, the field, and the mountains...

QRP means doing more with less. I've tried to take that lesson into other parts of my life since joining this facet of Amateur Radio. If there truly is the 'Joy of QRP', I think I've found it.

Thanks to all,

73, John K7FD

Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

Date: Sat, 28 Jul 2001 22:03:13 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [103703] QRP or QRO/QRP???
Message-ID: <3B636EE1.A35F05A1@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a question that I've wondered about for a while. Please pardon my ignorance on this.

We, in this fine group, are dedicated/challenged to run our rigs QRP. And there are lots of rigs to choose from (well, fair number anyway).

But here's the question.

Running QRP is fine and does us good to try the best we can we a little

bit of power. But there are times that QRP just doesn't make it. Well, if we are having fun and just seeing what we can do, we say "Hmm. Couldn't get that guy, maybe next time." and DON'T try to get him with QRO. It is the challenge of getting calls while still running QRP.

But let's assume we had a major disaster that brings in the comm capabilities of us hams. In this case, there is justification for using QRO rather than QRP. It's not now a chance that you might work someone later but you might not be of service because you only had QRP on your rig. In other words, you would like to help but because of lack of power, unless there is something local that you can do (which there probably is), you can't also because of lack of power.

OK, my question (finally I hear you say):

Why don't more of us consider getting a rig that will run QRP or QRO? Is it because we just don't care about QRO? Or is it because you can't get rigs that easily do both QRP or QRO (easily switchable)?

Here's why I'm getting at this. I would like to buy an all-mode/all band rig. I'd love to have an FT-817. But will I be limited in what I can do when I really need the power for doing emergencies? I consider the 817 just as good a radio as the big rigs (it's a big rig in a very tiny package).

Comments???

Michael N4NMR

(Of course, if you prepare for a disaster, you won't have one. Murphies Law. But then if Murphy knows you are trying to defeat his law, he'll....oh, never mind. You get my drift.)

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 28 Jul 2001 22:30:45 -0400
From: "David Porter" <aa3ur@home.com>
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103704] Re: QRP or QRO/QRP???
Message-ID: <007b01c117d6$795a8460$927ba8c0@jamison1.pa.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Like many things in life, it boils down to signal to noise ratio and bandwidth. To enjoy high fidelity, you need high signal to noise ratio and wide bandwidth. To merely communicate your call sign, three numbers, your first name, and qth you don't need very much of either. It depends what you want to do and how often you want to do it.

David Porter
aa3ur@home.com
AA3UR
----- Original Message -----
From: "Michael Bower" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, July 28, 2001 10:03 PM
Subject: QRP or QRO/QRP???

> OK, my question (finally I hear you say):
>
> Why don't more of us consider getting a rig that will run QRP or QRO?
> Is it because we just don't care about QRO? Or is it because you can't
> get rigs that easily do both QRP or QRO (easily switchable)?
>
> Here's why I'm getting at this. I would like to buy an all-mode/all
> band rig. I'd love to have an FT-817. But will I be limited in what I
> can do when I really need the power for doing emergencies? I consider
> the 817 just as good a radio as the big rigs (it's a big rig in a very
> tiny package).
>
> Comments???
>
> Michael N4NMR
>
>
> (Of course, if you prepare for a disaster, you won't have one. Murphies
> Law. But then if Murphy knows you are trying to defeat his law,
> he'll....oh, never mind. You get my drift.)
>
>
> --
> 73 de N4NMR
> Michael Bower
> Ashburn, VA (near Washington, D.C.)

Date: Sat, 28 Jul 2001 22:42:00 -0400
From: "Mark Fancher" <mmfancher@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103705] Log Periodic Dipole Arrays - EZNEC
Message-ID: <001701c117d8$0c64ec40$5c2c56d1@ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

All,

I've been playing with modeling the LPDA as described in the 17th Ed of the ARRL Antenna Book. I have a demo copy of EZNEC, and created a pre-processor to design and define the coordinates for input into the wires menu of EZNEC. For the LPDA, the design calculations and coordinate mapping are tedious at best.

The design spreadsheet makes all the calculations as described in the Antenna Book for you, with just a few inputs. Then another spreadsheet defines all of the wire ends needed for EZNEC.

If anyone wants the Excel file for this, I will email it to you. Just drop me a note off line.

With the inputs used for the examples on page 10-7, I get the same results as the Antenna Book does, so it should be accurate.

I do have one request: if you model an LPDA on EZNEC, could you send me the results (FF plots)? I can't model an antenna that big with the demo copy. It look's like a dynamite antenna system, well suited for portable operations and very inexpensive! If it works as good as the claims, it would be an easy way to put out a strong QRP signal.

Mark Fancher, WO9G
mmfancher@earthlink.net

Date: Sat, 28 Jul 2001 23:37:13 -0400
From: "Tom Azlin" <tom@nilza.org>
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [103706] Re: QRP or QRO/QRP???
Message-ID: <015001c117df$c4d4a2a0$6301a8c0@nilza.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Michael,

Having a QRP rig that draws small enough to run off of batteries then can be switched to higher power when you have to get through is what I am looking for. A K-2 with the (soon to be available) amplifier module would be great. An FT-817 with a home brew 20 - 50 watt power amp that can be disconnected and set aside would be great. The FT-817 in particular is nice since is is all mode and covers the VHF/UHF area. Sort of a ham radio version of an AN/PRC-138. At a tenth of the cost. Hmmm.... perhaps what I need to do is build a power amp for my FT-817 that will give me 50 watts out for 5 watts in. Or just pull out my FT-100 and hook it up when the disaster strikes - but the FT-100 or IC-706 does draw almost in receive as the FT-817 or K2 in transmit I think.

Tomorrow I go pick up an FT-70G with all the accessories to play with (after some repair work). Will see how that rig works compared to the FT-817.

73, Tom n4zpt

----- Original Message -----
From: "Michael Bower" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, July 28, 2001 22:03
Subject: QRP or QRO/QRP???

> I have a question that I've wondered about for a while. Please pardon
> my ignorance on this.
>
> We, in this fine group, are dedicated/challenged to run our rigs QRP.
> And there are lots of rigs to choose from (well, fair number anyway).
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> But here's the question.
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> Couldn't get that guy, maybe next time." and DON'T try to get him with
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> get rigs that easily do both QRP or QRO (easily switchable)?
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> band rig. I'd love to have an FT-817. But will I be limited in what I
> can do when I really need the power for doing emergencies? I consider
> the 817 just as good a radio as the big rigs (it's a big rig in a very
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> Comments???
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> Michael N4NMR
>
>
> (Of course, if you prepare for a disaster, you won't have one. Murphies
> Law. But then if Murphy knows you are trying to defeat his law,
> he'll....oh, never mind. You get my drift.)
>
>
> --
> 73 de N4NMR
> Michael Bower
> Ashburn, VA (near Washington, D.C.)
>

Date: Sat, 28 Jul 2001 23:53:24 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: wa8mcq@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [103707] Re: TS-450S antenna tuner on 60M
Message-ID: <3B6388B4.C2AF1911@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Aren't we getting somewhat ahead of ourselves here? The request was just made. No reply is expected for at least three years. That seems like plenty of time to do rig mods!

73

Date: Sun, 29 Jul 2001 00:08:57 -0400
From: Pete Burbank <plburbank@kih.net>
To: k7fd@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103708] Re: Lighthouse QRP Photos
Message-ID: <5.0.2.1.0.20010728235714.00aa87a0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:38 PM 7/28/2001 -0700, K7LOW QRP wrote:
>Rain, rain, rain...and more rain! But I had fun anyway...
>
>...thanks to those who found me somewhere around 14.061MHz today!
Thanks for the great photos John. I looked for you but the band was a bit fuzzy.
Can I borrow your Wife's car too?.....HI!
Vy 73 Pete NV4V KY
Rain here a lot!

Date: Sun, 29 Jul 2001 00:19:30 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [103709] Re: 6 Pack Test
Message-ID: <Pine.BSF.4.33.0107290008220.83008-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Was AA10 Test? Steve and Ed, both had great input. I couldn't resist adding my two cents. :^}

Maybe we could expand it to Three Battery Classes. 10 AA's, 8 C's, or a 6 Pack of D's. :^)

Actually, I once had the thought of a Contest using only a pair of D cells and the Power Unit made by the "Tick Boys" In fact it may run on one Cell?

I forget now, but the thought was to use it with a Twofer and a Tick Keyer in Beacon Mode to see how long it would run.

That was another Strange Contest Idea. Simple Setup like above all 1 Watt or LESS. all in beacon mode and Code Words. Copy the Beacon and Log the data. NO ONE would know who won until the Contest manager Tallied the Scores. I know strange contest, but you gotta admit different :^}

Fox Beacons? Much like the "Warbler Contest" at Timonium this year. Everyone had fun, even the spectators.

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sat, 28 Jul 2001 22:19:05 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>
Subject: [103710] 7/29 0410z 7S0MG QRV on 18076
Message-ID: <00a601c117e5$9ba20200$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They heard me at 5W, struggled at 10W, but hung in there at 15W (max out of my K2 on 17).

Hey sometimes you just gotta crank it up, heck the SFI is only about 110!

See QRZ entry for story of callsign.

Makes up for the poor Gold Rush band CONDX.

73, Rod N0RC
Ft Collins, CO

Date: Sun, 29 Jul 2001 00:30:30 -0400
From: Pete Burbank <plburbank@kih.net>
To: lejek@erols.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103711] Re: CQ AA - The Power Managment Contest - Piggybacking the NA
 CW QSO Party
Message-ID: <5.0.2.1.0.20010729001707.00aa89c0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>SNIP
>
>I don't have a color printer or any fanny stuff so this one is for
>fun. E-mail me a summery sheet after the contest and I'll post the results.

>You cannot use a charger of any type during the contest. You are limited
>to the charge on the batteries prior to the start of the contest.

I guess that means no sitting on the batteries.....no Fanny charges:-)
SRI Pete NV4V :-)

Date: Sat, 28 Jul 2001 22:48:38 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list"
<elecraft@qth.net>, "Club-pre" <members@club-pre.org>
Subject: [103712] 7/29 0447x LZ1ND QRV on 18077.5
Message-ID: <00dc01c117e9$bc4175f0$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got 'em with 5W.

Much more fun tonight on 17 than this afternoon on 20! ;-)

73, Rod N0RC

Ft Collins, CO

Date: Sun, 29 Jul 2001 01:07:11 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [103713] K0EVZ Bumble Bee plans changed
Message-ID: <200107290107_MC3-DAA3-3E91@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Well I had planned to operate from the International Peace Garden. This
formal English garden straddles the border between Canada and the USA. =

Would have been a fun place to operate as Bumble Bee #27. But.....we had=
 a
tremendous rainstorm Thursday evening during and after the FOX hunts. =

About 0200CDT the following morning I discovered several inches of water =
in
the shack. Luckily there was no equipment damage, but today we had to ha=
ve
an emergency cleanup by our local Steam Brite agent [g]. He says the
carpet will be dry about 1800 CDT tomorrow. =

Now I plan to operate from Ft. Lincoln, on the west bank of the Missouri
River. General George Armstrong Custer was Commander of this Fort when h=
e
took his part of the 7th Army to Little Big Horn, MT. Turned out to be a=

disaster, at least from his viewpoint.

Here's hoping that we have good weather, for a change. Antenna will be t=
he
usual Inverted WYE/SD-20 fishing pole. Still deciding on rig(s). Look f=
or
K0EVZ on 20 Metres.

73,

--Doc/K0EVZ

Date: Sun, 29 Jul 2001 05:30:29 -0500
From: "Jerry Scherkenbach" <jerrys@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103714] Bumble Bee Contest Sunday - N9AW and NK9G
Message-ID: <00bc01c11819$7e052540$b284cfa9@Pjerrys>

Rick, NK9G and I will be portable on Sunday for the Bumblebee contest from noon to 4 pm. CDT.

We're going to try a park where we have always wanted to go and play radio. It is one of the highest spots in Milwaukee county so we are anxiuos to see if the bands sound any better... hi hi. Of course anything would be an improvement over recent conditions.

PLEASE PLEASE try 15 meters in the contest tomorrow. So often there is no activity on 15 m for our qrp contests. One of us will be on 15 m as long as there is some activity.

Good Luck,

Jerry N9AW

Date: Sun, 29 Jul 2001 05:32:18 -0500
From: "Jerry Scherkenbach" <jerrys@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103715] Fox log Hunt #10 - N9AW
Message-ID: <00c201c11819$bf01cda0$b284cfa9@Pjerrys>

Sorry for the delay gang on getting my fox log online. I am having ongoing hard drive problems in my ham shack notebook computer which is slowing things down here. I will get at the logs SUnday evening and should have them online before the end of the evening on Sunday.

72
Jerry N9AW

Date: Sun, 29 Jul 2001 06:51:41 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: bowerm@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103716] Re: QRP or QRO/QRP???
Message-ID: <3B63EABD.4ED7CB68@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Bower wrote:
>
> Why don't more of us consider getting a rig that will run QRP or QRO?
> Is it because we just don't care about QRO? Or is it because you can't
> get rigs that easily do both QRP or QRO (easily switchable)?

You can get rigs that do both QRP and QRO. Most current radios will do
that; just turn down the power. (Some need an internal adjustment to get
all the way down to 5 watts.) They won't go all the way down to
milliwatt levels, though.

But I don't want the size and weight penalty of a QRO-capable rig; I
want to be able to carry my radio easily. What I really want is a QRP
rig plus an external amplifier. But Big Brother FCC says that I can't
have that, unless I'm willing to personally design it.

Date: Sun, 29 Jul 2001 06:14:08 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103717] Ptick keyer problems
Message-ID: <000901c1181f$969e63e0$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hello I have the pTick keyer kit and built it everything works except I can
not get the audio side tone to work with the little "Piezo on board speaker"
everything is wired right, you use the Piezo to config the keyer and I get
tones when I config it but not when I activate the side tone ? any ideas.

73 Wayne

Date: Sun, 29 Jul 2001 07:54:49 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [103718] WB3AAL Bumble Bee plans possible change
Message-ID: <007b01c11825$4614a820$860c5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

 Well yesterday I was not feeling up to par. I felt
light headed and I just did not feel too good. So I
rested all day yesterday. Now due to me resting
on Saturday I can't move due to back spasms.

 I hope I feel better by 15:00 UTC. That will be my
cut off time to cancel my BB activation.

72 & 73
Ron de WB3AAL
www.n3epa.org
BB #35 N3EPA

Date: Sun, 29 Jul 2001 07:17:16 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103719] TEST 5
Message-ID: <000701c11828$681bdee0$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

test

Date: Sun, 29 Jul 2001 14:38:20 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, <aa5jj@swbell.net>
Subject: [103720] Re: TEST 5

Message-ID: <004d01c1182b$76e58c20$f98f01d9@ingo>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> test

RST 599 UFB ! ;o))

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Sun, 29 Jul 2001 08:49:39 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <soc@qth.net>, <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [103721] SOC Website etc...
Message-ID: <00c601c1182c$ee87a820$7ecd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang(s),

For those wondering what happend to the SOC web site,
it was fatally terminated when HOMEPAGE.COM decided
to stop their freebie websites and pull the plug.

I have resurrected the site at http://diz.faithweb.com/soc/
SOC is open for business..........

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 http://home.cinci.rr.com/w8diz & http://kitsandparts.com

Date: Sun, 29 Jul 2001 08:09:28 -0500
From: Wayne <aa5jj@swbell.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103722] Email problems
Message-ID: <001b01c1182f$b2c578a0$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I am trying to switch to yahoo email, I have already set up the new email through qrp-l and am receiving qrp-l email on yahoo but when i send to the list it never post to it, any one else using Yahoo email to send to the list ?

thanks Wayne AA5JJ

Date: Sun, 29 Jul 2001 06:30:50 -0700 (PDT)
From: Wayne Williams <aa5jj@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103723] Test 6 yahoo email problem
Message-ID: <20010729133050.65107.qmail@web10506.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ok lets see if this one makes it.....

Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

Date: Sun, 29 Jul 2001 15:36:01 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, <aa5jj@swbell.net>
Subject: [103724] Re: Email problems
Message-ID: <00ab01c11833$827ccbe0$f98f01d9@ingo>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Wayne,

> I am trying to switch to yahoo email, I have already set up the new
> email through qrp-l and am receiving qrp-l email on yahoo but when i
> send to the list it never post to it, any one else using Yahoo email
> to send to the list ?

1. Send a mail with your own adress as sender to yourself. Is it OK, go the next steps.

2. I don't know your mail system. I use here outlook. There are a menu for blocked sender. I don't the right word for it. You are also on your own list? Check it!

3. Check the rules in your mail system again. There are a point on which will mails deleted?

4. Is it only the QRP-L list, so write to the QRP-L Managers (manager@qrp.Lehigh.EDU).

Hope it helps.

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Sun, 29 Jul 2001 09:49:49 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [103725] WBR Question
Message-ID: <5.0.2.1.0.20010729094521.00a009f0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Regarding the WBR receiver in August 2001 QST :

Q1 : is a 3904 or a 3819 ? I think this was discussed a few weeks back but I didn't have the magazine at the time.

D2 : If the battery is connected backwards, D2 will short circuit the battery but protect the radio. Any reason the same protection cannot be achieved if D2 is installed (forward biased) in series with the +ve terminal of the battery, without the potential of destroying the battery if it's installed backwards ?

Thanks

Phil

Date: Sun, 29 Jul 2001 10:08:34 -0400
From: "Ken La Rose" <kenlar@csolve.net>
To: <QRP-L@Lehigh.EDU>
Subject: [103726] Bees Taking Flight!
Message-ID: <000701c11837$f9d5f0a0$9412d1d8@kenlar>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John VE3JC (Bee #15) and myself (Ken VE3ELA, Bee #43) are now paddling out to our operating site on Beausoleil Island in Georgian Bay, Lake Huron. We're setting up separate stations and using our own callsigns. Please listen for both of us on all bands 40m-10m. John is operating with a QRP+ and vertical antenna, and I'll have my Sierra and Gusher multiband inverted V.

The weather looks good, with only a possibility of showers, so we hope to operate the whole 4 hours. Contact with us on Beausoleil Island counts towards the Canadian Islands Award programme.

Hope to hear you on the air!

72,

de John VE3JC and Ken VE3ELA

Date: Sun, 29 Jul 2001 10:26:03 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-l@lehigh.edu>
Subject: [103727] "Bees?... What Bees???" (Bre'r Bear)
Message-ID: <005d01c1183a$65e598c0$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-from Tales of Uncle Remus.

I hope we get a turn out like Bre'r Bear stirred up in that Bre'r Rabbit tale. KD1JV and I will be hiking to a more modest location on Sparrowhawk Mtn this time as ol' "Melt Solder" is nursing a broken collar bone from our outing to the fire tower. He can still key tho, and sez he can help putting up the "Lazy H". If the propagation is as bad as it's been lately, we're going to need all the help we can get. 12 dbd should just about do it, ja? Pictures at eleven.

BEE THERE -OR BEE SQUARE!!

72 / 73,
"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
FN44nj . aa1my@arrl.net

Date: Sun, 29 Jul 2001 09:41:48 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103728] RE: Final Roster for the BUMBLEBEES--broken link
Message-ID: <01C11812.B13FA220.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Of all the times for this to happen--the link seems to be broken. Can anyone summarize this contest--like what's the exchange and the start & end times for the contest. I guess regular folks work only bees?

72--Nick, WA5BDU

-----Original Message-----
From: Russ Carpenter [SMTP:russ@natworld.com]
Sent: Friday, July 27, 2001 9:56 AM
To: Low Power Amateur Radio Discussion
Subject: Final Roster for the BUMBLEBEES

Here is the final roster for the 2001 Flight of the Bumblebees. Don't miss this great event on Sunday! See the rules at http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

Russ Carpenter, AA7QU
Contest Manger for the Adventure Radio Society

Date: Sun, 29 Jul 2001 08:53:37 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [103729] Fort Tuthill
Message-ID: <Pine.LNX.4.33.0107290607270.2141-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well back from a fun stay at the Fort Tuthill Hamfest. I went as a passenger with Karl Hess, WF5A and we camped out at the Scorpion QRP area which is just great! Bob Hightower and his crew do a wonderful job making everyone welcome and then leaving you alone to do what interests the the camper.

I used my backpack tent and sleeping bag. Karl H brought his Yaseu 817 and a gelcell and I brought a Argonaut and gelcell. I brought the W3FF dipole and Karl H brought a small vertical from England that mounts right onto the 817 with a bnc connector.

I worked one of the Fox thursday night but didn't hear ET. Also listened to all the DX on 20. It was loaded. But didn't work anything. Had a few other campers showed up and we had a nice chat about radios and antenna.

Friday we ran some serious tests with Karl H's vertical and found it was not too well designed. Mounted on the MFJ analyser with 4 10 foot radials we could not get the antenna to resonance in the 20 or 15 meter bands. It seems that the taps were put on the wrong turns, or something. This vertical is designed to allow pedestrian mobile with a QRP rig and it does that very well, but it's not a very efficient antenna. We compared it to the W3FF dipole on 17 meters and it's 5 S units lower...

Can not say enough about the Hightower's efforts towards making the Scorpion QRP part of the Hamfest a huge success. Jeff is a quiet guy who takes care of the money and so quiet I don't have his last name or callsign. Will correct this. I want to join the Scorpion Group and will get that done. Next year I want to be a help to the group. I can tote and carry and I think put up the steel frames with the tarps that keep the QRP display area cool and dry with Bob there to oversee the thing.

Saw Arizona from the ballon at 89,000 feet via television in a trailer in the QRP area.

The Fort Tuthill Hamfest was another HUGE success at Flagstaff, AZ.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 29 Jul 2001 10:58:11 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: bowerm@ix.netcom.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103730] Re: QRP or QRO/QRP???
Message-ID: <5.0.2.1.0.20010729103641.009ff030@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You're not missing the point anywhere in your post Michael. QRP is fun, but it *may* be (will probably be) useless during an emergency, because of the low power. On the other hand, if an emergency is severe enough that the electricity is out for hours or days on end, a stand-alone battery/solar operated QRP rig might be the only thing you can get on the air anyway. If the FT-817 can run from batteries (I've never looked at the rig so I don't know), then you're still in good shape. How many charged-up car batteries would you need to keep the thing running for "x" hours ? Something to think about.

To cover all the bases, buy your FT-817 and look at buying or building an amplifier for it. For the amplifier consider the power requirements and how much back-up power YOU would need if it was YOU in the emergency zone. You can build a 50 watt to 1000 watt solid state amp with the "kits" from Communication Concepts. These aren't the kind of kits that you find in the QRP community with detailed instructions that walk you through the project; these kits are a box full of parts (heat sinks, schematic and PC board included) but there are no instructions - you're on your own. Or buy a used, medium power tube amp for the same money. If you aren't in the emergency zone but want to assist with emergency communcations (ie, the power is ON at your house), then your FT-817 and amplifier combo will do just fine.

No question, my 120 watt rig and big glass tube amplifiers are just useless

decorations if there's no power at the wall socket.

Phil

At 10:03 PM 7/28/2001 -0400, Michael Bower wrote:
>I have a question that I've wondered about for a while. Please pardon
>my ignorance on this.
>
>We, in this fine group, are dedicated/challenged to run our rigs QRP.
>And there are lots of rigs to choose from (well, fair number anyway).
>
>But here's the question.
>
>Running QRP is fine and does us good to try the best we can we a little
>bit of power. But there are times that QRP just doesn't make it. Well,
>if we are having fun and just seeing what we can do, we say "Hmm.
>Couldn't get that guy, maybe next time." and DON'T try to get him with
>QRO. It is the challenge of getting calls while still running QRP.
>
>But let's assume we had a major disaster that brings in the comm
>capabilities of us hams. In this case, there is justification for using
>QRO rather than QRP. It's not now a chance that you might work someone
>later but you might not be of service because you only had QRP on your
>rig. In other words, you would like to help but because of lack of
>power, unless there is something local that you can do (which there
>probably is), you can't also because of lack of power.
>
>OK, my question (finally I hear you say):
>
>Why don't more of us consider getting a rig that will run QRP or QRO?
>Is it because we just don't care about QRO? Or is it because you can't
>get rigs that easily do both QRP or QRO (easily switchable)?
>
>Here's why I'm getting at this. I would like to buy an all-mode/all
>band rig. I'd love to have an FT-817. But will I be limited in what I
>can do when I really need the power for doing emergencies? I consider
>the 817 just as good a radio as the big rigs (it's a big rig in a very
>tiny package).
>
>Comments???
>
>Michael N4NMR
>
>
>(Of course, if you prepare for a disaster, you won't have one. Murphies
>Law. But then if Murphy knows you are trying to defeat his law,
>he'll....oh, never mind. You get my drift.)
>

>
>--
>73 de N4NMR
>Michael Bower
>Ashburn, VA (near Washington, D.C.)

Date: Sun, 29 Jul 2001 08:36:27 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [103731] Sea Bee's...
Message-ID: <F115htnJkxWwBvt7fGB00008492@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

K7FD and N7SG will be activating the local qrp club call K7Low today from Ona Beach State Park, just south of Newport, Oregon. Elevation will be at 4 feet... ;)

Hope to work many Bee's today...just heading out the door with an armload of stuff...K1/PW-1/Pepsi...it's cloudy but no rain...

73 John K7FD Annette N7SG

Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

Date: Sun, 29 Jul 2001 10:46:40 -0500
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "qrpARCI-LIST" <qrparci@listbot.com>, "QRP-L QRP-L" <qrp-l@Lehigh.EDU>
Subject: [103732] July 2001 QRP Quarterly Late--Editor Falls on His Sword!
Message-ID: <LPBBIKBNBOOLHAAJAHJGMEAACJAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm in Electronic Sales and I hate being late more than almost anything! It's not part of my personal culture.

So, here I am...falling on my sword...apologizing for the July QRP Quarterly being late (or at least late by my standards). I humbly apologize to all our

readers.

It's at the printer and it finally hits the mail a week from Monday. Since snail mail is, well, snail mail. It will be the end of August before everyone receives their copy. This, to me is disgusting and adds to my displeasure. (Especially when we have to pay that humungous bill right up front--instantly.)

I will say that it's another really great issue with some neat surprises. I hope you enjoy it throughly, when it finally gets there, and that you find it well worth the wait.

72/73 & DX,
Craig W. Behrens--NM4T (Embarrassed QQ Editor)
Madison, AL

Date: Sun, 29 Jul 2001 10:54:40 -0500
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "NoGa QRP Club" <nogaqrp@qth.net>, "QRP-L QRP-L" <qrp-l@Lehigh.EDU>
Cc: "Brian Murrey" <bmurrey@amexol.net>, <w8diz[mailto:w8diz@fpqrp.com]>,
 "qrpARCI-LIST" <qrparci@listbot.com>
Subject: [103733] Southern Style QRP Camp-Out Menu for the Huntsville Hamfest
Message-ID: <LPBBIKBNBOOLHAAJAHJGGEABCJAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

For those still debating whether to brave the elements at the Huntsville Alabama Hamfest QRP Camp Out on Monte Sano, here's the planned menu to twist your arm a little:

Huntsville Hamfest "Camp QRP" Menu
(Featuring NM4T Chuck Wagon Chefs Greg Buchwald--K9QI & Craig Behrens--NM4T)

Friday, August 17th, 2001
Since QRPers will be arriving at the Monte Sano State Park at different times we will have the following flexible dining menu:

Dinner:
Corky s Barbeque, Pork or Beef Sandwiches
Baked Beans
Cole Slaw
Potato Chips

Dessert:
Old Fashion Peach Cobbler with Creamy Vanilla Ice Cream

Saturday, August 18th, 2001
Our BIG day starts by 7:00AM so we can start arriving at the Hamfest around 9AM. The QRP Forums started at 10:00AM.

Breakfast:
Hot Coffee, or Tea
Banana or Blue Berry Pancakes
Assorted Cereals and milk

Lunch: Any way you can catch it at the Hamfest

Dinner:
Nasty Jack (Daniels) Barbeque Ribs
(All Beef Hot Dogs for those not wanting Ribs)
Potato Salad
Green Beans
Corn Bread

Dessert:
Authentic Southern, Flaming Bananas Foster

Sunday, July 29, 2001
Hamfest doors open at 9:00AM and the main drawing is around 2:00PM.
Breakfast:
Hot Coffee, or Tea
Biscuit Run to Hardees make sure you get your order in!
Assorted Cereals and milk (if any left from Saturday)

NOTES:
* We will have an Honor System cash box on the NM4T Chuck Wagon at meal times for contributions towards the food. Present a fair offering or give what you can.
* Mystery Brown Bag QRP Team Challenge (with Prizes) Saturday Night.
* Keep in mind that campers must check out of campgrounds by 11:00AM (unless I can cut a deal with the ranger).

72/73 & DX,
Craig W. Behrens--NM4T
Madison, AL

Date: Sun, 29 Jul 2001 11:48:37 -0400

From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: North Georgia QRP Club <nogaqrp@qth.net>, qrp-l@Lehigh.EDU
Subject: [103734] Bumblebee Alert...
Message-ID: <5.0.2.1.2.20010729114137.02101b30@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

KO4WX/BB will be QRV shortly from the top of Stone Mountain, GA. Hopefully the weather will hold out long enough to get the ARS Flight of the Bumblebees in (1pm to 5pm). Overcast and threatening here in Atlanta today, and Stone Mountain is a natural lightning attractor, but we'll give it a go.

Got the 15M filter board in the K1, with the 40/20 carefully wrapped in foam (as backup...given how dead 20 was yesterday, that's not much backup, huh?) and everything wrapped in plastic. MP1 ought to do pretty well at 780 feet above average terrain...

72 de Mike, KO4WX

Michael C. Boatright

Date: Sun, 29 Jul 2001 11:58:13 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [103735] N3EPA Bumble Bee #35 canceled
Message-ID: <00c701c11847$46c2ca00$860c5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well I am going to have to cancel the
N3EPA Bumble Bee #35 run.

The back is so sore it is radiating into my legs.
My back up plan was to operate from a local park
if the wx was bad. I was going to head to the park
if my back did not get any better but I think I am
staying home and taking my muscle relaxers.

Have fun all you Bumble Bees and be safe.

72 & 73
Good DXing

Ron Polityka de WB3AAL
N3EPA BB #35
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Sun, 29 Jul 2001 11:06:05 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [103736] Bumblebee rules
Message-ID: <01C1181E.7726C6C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The site is working again. But just in case, here are the rules, sent to me by KB8RRG.

I figured that complaining would make it start working--just as watering you lawn makes it rain. And I was right.

72--Nick, WA5BDU

-----Original Message-----
From: Kb8rrg@cs.com [SMTP:Kb8rrg@cs.com]
Sent: Sunday, July 29, 2001 10:35 AM
To: nkennedy@tcainternet.com
Subject: Re: Final Roster for the BUMBLEBEES--broken link

Found This at:

http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

IThis is a four hour event during the last Sunday of July, running from 10:00 PDT/11:00 MDT/12:00 CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. Thus, the hours of operation accommodate all four time zones. No matter where you live, there is time to for the Bumblebees to travel to their sites, set

up their stations, operate the contest, and travel back to their cars. Both home-based and portable operations are encouraged. Participants who want to operate in the Bumblebee category apply to Adventure Radio Society for Bumblebee status. ARS assigns each Bumblebee a Bee number. Bumblebees agree to walk, bike or boat to their sites. The distance traveled to the site is at the Bumblebee's discretion. Bumblebees add "/BB" to their calls.

Group operation is welcome in the Flight of the Bumblebees. You may operate under a single call and report a single score, or under multiple calls and report multiple scores. In any event, you are limited to operating a single transmitter at a time.

Maximum power is five watts. We operate CW on 40, 20, 15 and 10 meters, on the standard QRP frequencies. We want this to be a national contest, so we encourage long-range contacts by giving double points for 20, 15 and 10 meters. 40 meter contacts will receive one point. The same station can be worked on different bands for additional QSO points and multipliers.

If you are a Bumblebee, your exchange is RST, state/province/country, and your Bumblebee number. If you are homebased, your exchange is RST, state/province/country, and your power.

Contacts with Bumblebees generate a 3X multiplier. So your score equals QSO points times (number of Bumblebees times three). Here is an example. If you make 20 contacts on 40 meters and 30 contacts on the higher bands, and make a total of 25 Bumblebee contacts, your score is (20+60) X (25 X 3), or 6,000.

Separate but equal commendations are awarded to the high scores for the homebased and Bumblebee participants. We will also commend Bumblebees in the following categories:

Most interesting equipment,
Most outrageous venture, and
Most beautiful site.
Participants are strongly encouraged to use our automated contest reporting system, which is found in the ARS Sojourner. Participants may submit paper logs, with a two week deadline. Results are posted during the third week of August in The ARS Sojourner, the QRP-L Internet Group, and by direct email to ARS members.

You are encouraged to submit stories and photographs of your Bumblebee adventure for publication in The ARS Sojourner. See Advice for Contributors.

Russ Carpenter, AA7QU, is the Contest Manager. You can reach him at russ@natworld.com

Date: Sun, 29 Jul 2001 12:23:42 EDT
From: NM5Mike@aol.com
To: qrp-l@lehigh.edu
Subject: [103737] Bumble Bee #89 to be QRV
Message-ID: <107.3419b7a.2895928e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Although its raining I plan on hiking out in the next hour. I will be using my Red Hot Radio on 20 meters and a dipole. I had to homebrew a keyer paddle this morning as I loaned my travel key to a local ham. My homebrew key was built from Legos, a hacksaw blade and a 5 Manhattan punch pads. I will put a picture of it on my website, http://hometown.aol.com/nm5m/index.html for those that are interested in the paddle.

73 from rainy Plano, Texas

NM5M Eric

Date: Sun, 29 Jul 2001 09:45:24 -0700
From: Dan Tayloe <dtayloe@home.com>
To: SUpton@ALLEGROMICRO.com, qrp-l <qrp-l@Lehigh.EDU>
Subject: [103738] Re: Oscillators
Message-ID: <3B643DA4.CB3A7325@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Shawn:

>Also, why are most VFO designs use 9V as a voltage rail? Supposedly, a 5.1V
>zener has the lowest tempco of the zeners, if you plan to zener regulate the
>vfo. Or are the 8/9V regulators (78LO8/9) "good 'nuff" for the job?

I think the voltage a VFO runs off of is a tradeoff like everything else. For a while, I was running my VFO off of 2.5v in the thought that less voltage and current in the VFO meant less heating of the components and thus less drift.

On the other hand, a higher voltage gives more power output, requiring fewer amplification stages, and possibly gives a cleaner VFO signal. By cleaner VFO signal, I am speaking purely in terms of signal (the VFO signal) to noise (the osc transistor noise) ratio, which may help reduce

the noise sidebands somewhat.

Using 2.5v, it was common to se about 3v pk-pk across the inductor, but I have seen very low noise VFOs that have 30v pk-pk across the inductor. For most receivers, I don't think the difference is a big deal.

I would recommend using a 78L06 or 78L05 simply because these simple regulators require about 3v of drop across the regulator to get good regulation. For a 78L08, that means 11v input, while for a 78L09 that means 12v input, neither of which leave much headroom for battery droop in field operation.
A low noise, low drop out regulator may work better, but I don't think low drop out 8v regulators are commonly available.

>Lastly, I plan to follow this vfo with a tripler. I looked at the circuit
>in the Handbook; and it is a push-pull affair, with a transformer on the
>output, tuned to 3f (f being the input freq). It looks as if it is class C,
>passing only the 3rd harmonic. Is this the idea behind most freq
>multipliers--ie, amplify/distort the input signal and pass only the desired
>harmonic? Well, I suppose a doubler would only have to full-wave rectify
>the signal, but that design would still need a tuned output at 2f.

If the 7 MHz is followed by a doubler (14 MHz) or a tripler (21 MHz), the drift of the VFO will end up being 2x or 3x worse than what you see at 7 MHz. I think you will not be satisfied with the stability you end up with. I think a better approach for 21 MHz might be something along the lines of a 5 MHz VFO mixed with a 16 MHz crystal osc. This mixing will also have the additional benefit of reducing "pulling" when transmitting, since the VFO is not on the transmit frequency or a sub harmonic of it.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

Date: Sun, 29 Jul 2001 11:53:12 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [103739] W3IRZ Bumble Bee #96 canceled
Message-ID: <006f01c1184e$f4f50aa0$1a0b4d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am not able to hit the woods today. Back problems here but will operate from home QTH in Conyers Georgia.

Mike W3IRZ

Date: Sun, 29 Jul 2001 13:03:51 -0400
From: Dave Fouchey <dafouchey@home.com>
To: wb3aal@fast.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103740] Re: WB3AAL Bumble Bee plans possible change
Message-ID: <4.1.20010729130327.0099ab30@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hope they ease of Ron, good luck.

Dave
WA4EMR/8

At 07:54 AM 7/29/2001 -0400, Ron Polityka wrote:
>Hello,
>
> Well yesterday I was not feeling up to par. I felt
>light headed and I just did not feel too good. So I
>rested all day yesterday. Now due to me resting
>on Saturday I can't move due to back spasms.
>
> I hope I feel better by 15:00 UTC. That will be my
>cut off time to cancel my BB activation.
>
>72 & 73
>Ron de WB3AAL
>www.n3epa.org
>BB #35 N3EPA

Date: Sun, 29 Jul 2001 12:07:30 -0500
From: "Jeff Davis" <n9avg@home.com>
To: <craigwb@hiwaay.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103741] Re: Southern Style QRP Camp-Out Menu for the Huntsville Hamfest
Message-ID: <004c01c11850$f3f56300$d95db718@CY26510A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Holy Cow, I wasn't even considering attending but that menu might just change everything.

Sounds like it will be a blast!

72 de Jeff, N9AVG

----- Original Message -----
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, July 29, 2001 10:54 AM
Subject: Southern Style QRP Camp-Out Menu for the Huntsville Hamfest

> For those still debating whether to brave the elements at the Huntsville
> Alabama Hamfest QRP Camp Out on Monte Sano, here's the planned menu to twist
> your arm a little:

Date: Sun, 29 Jul 2001 10:30:32 -0700 (PDT)
From: Jack WsixABC <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [103742] W6ABC Portable from Mendocino
Message-ID: <20010729173032.80071.qmail@web14202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
Will be taking the K1 and the FT-817 to Mendocino today (Sunday) thru Wednesday (Mid-day) and will be operating on 40 and 20 meter CW 14.060 and 7.060 on a loose schedule of about 9 to 10 AM and 7 to 8 PM, 40 meters first and then 20 meters. Antennas will be the MP-1 and the DK9SQ and Hustler Mobile whips.
Of course being a vacation of sorts, sightseeing activities with the XYL and our dogs will also be included with operating :), but I'll try to keep to a plan of operating. I'd like to get right down to the beach and operate at the waters edge. Maybe a QRP coast to coast on 20?
73,
Jack W6ABC

=====
Visit my website: http://home.pacbell.net/friday2k

Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

Date: Sun, 29 Jul 2001 13:54:59 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [103743] K4FB/BB out of action
Message-ID: <3B644DF3.60FCC0B3@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've got a lovely respiratory infection. Thought I'd be better by
today...but went out to load the gear and had to turn right around and
come back into the house. Just not able to breathe good in the hot FL
weather.

Hope everyone has a safe outing.

73
Paul K4FB

Date: Sun, 29 Jul 2001 18:35:47 +0100
From: Larry Cahoon <lejek@erols.com>
To: k3tks@u1.abs.net, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103744] Re: 6 Pack Test
Message-ID: <5.0.2.1.0.20010729182535.00a2abf0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:19 AM 07/29/01 -0400, George Gingell wrote:
>Was AA10 Test? Steve and Ed, both had great input. I couldn't resist
>adding my two cents. :^}
>
>Maybe we could expand it to Three Battery Classes. 10 AA's, 8 C's, or a 6
>Pack of D's. :^)
>

>Actually, I once had the thought of a Contest using only a pair of D cells
>and the Power Unit made by the "Tick Boys" In fact it may run on one Cell?

Interesting George - I went and look up some of the ratings. Thomas Distributing has AA's rated at 1800 mAh, C's rated at 3800 mAh, and D's rated at 8000 mAh - all NiMH. With those numbers it sounds like a fair comparison might be 10 AA's, 5 C's, or 2 D's. But then you would have to do a bit of building to get the voltage up a bit. There might be a bit of loss in that, but it would work.

73 de Larry.....WD3P in MD
http://www.qsl.net/wd3p/

Date: Sun, 29 Jul 2001 15:28:09 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-l@lehigh.edu>
Subject: [103745] AA1MY/BB now on 21.06 +/-
Message-ID: <006b01c11864$9bdf8d80$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Latest call from the BB nest: AA1MY & KD1JV now on 21.06
Condx. seem fair. Hearing G-land.
Will update if/when they call in

ps: no new broken bones for KD1JV. (yet)
Sharon (XYL)
72 / 73,
 "Seab" Lyon - AA1MY
 Bethel, ME 04217 USA
 FN44nj . aa1my@arrl.net

Date: Sun, 29 Jul 2001 14:27:57 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103746] Ptick keyer problems GOT IT TO WORKING
Message-ID: <001301c11864$92d95f40$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Thanks for all he help had a wire where it did not belong
God bless all

----- Original Message -----
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, July 29, 2001 6:14 AM
Subject: Ptick keyer problems

> Hello I have the pTick keyer kit and built it everything works except I
can
> not get the audio side tone to work with the little "Piezo on board
speaker"
> everything is wired right, you use the Piezo to config the keyer and I get
> tones when I config it but not when I activate the side tone ? any ideas.
>
> 73 Wayne
>

Date: Sun, 29 Jul 2001 12:43:00 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [103747] FOBB: Rain reigns on the coast...
Message-ID: <F226iy54DgI6bXmdMJO0000873c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

First hour for K7Low, 20 qso's. Hey, what's this? Rain.

Time for Plan B. Pack up and head for the local mexican restaurant for
lunch...

Now back home making a few qso's as K7FD...so much for the 'Flight' this
year...hi!

73 John K7FD

Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

Date: Sun, 29 Jul 2001 14:12:30 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [103748] Re: July 2001 QRP Quarterly Late--Editor Falls on His Sword!
Message-ID: <20010729.141231.-255395.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Craig - I'd say not to worry too much - the main thing is
it is at the proper place and on the way - soon. Thanks
for your efforts and looking forward to another great issue.

73
Ray
"The more I see of the representatives of the people,the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

Date: Sun, 29 Jul 2001 14:32:17 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [103749] More Tuthill
Message-ID: <Pine.LNX.4.33.0107291428490.2663-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

 The Jeff I alluded to is Jeff Johnson, KJ7LO and his helpers Jamie
and Haley. (Just looked at the information page Jeff handed me Thursday
and said to read...:-)

--
Yours Truly,

 - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 29 Jul 2001 16:15:55 -0500
From: "George Lee" <georgekr5c@cablelynx.com>
To: <qrp-l@Lehigh.EDU>
Subject: [103750] "Nearest Star"

Message-ID: <009e01c11873$aa9b61a0$4108cc18@georgelee>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Someone sent a message mentioning a new book the "Nearest Star" which I promptly deleted. Have been calling to get a copy and find no stores in my area with one in stock. Would the submitter please send me direct the information to be sure I'm looking for the correct book?

Thanks for the BW.

72, George KR5C

Date: Sun, 29 Jul 2001 17:19:44 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "Craig W. Behrens" <craigwb@hiwaay.net>, "qrpARCI-LIST" <qrparci@listbot.com>, "QRP-L QRP-L" <qrp-l@lehigh.edu>
Cc: <wa8mcq@erols.com>
Subject: [103751] Re: [qrparci] July 2001 QRP Quarterly Late--Editor Falls on His Sword!
Message-ID: <001701c11874$514c1c60$8934fea9@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At least we WILL be getting an issue with "July" on it this year! Some of the oldtimers may remember 1986; I certainly do. That's the year that July just produced a short mailing to all subscribers saying that there would be no July issue :-) And then a few months later we got the infamous July/October 1986 issue! (And it wasn't twice as large as a single issue, either.)

Then there's my other favorite. Can't remember the year, but it was when Paula Franke was president and editor (and had plenty of problems at home and at work)--in whatever year it was, mid or early 90's, the October issue hit the streets the week after Thanksgiving! (And considering what she had going on in her life, even that was a miracle.)

Real life takes priority over hobbyist pursuits (at least for most people), and must be attended to first. This issue is late, won't be the first time, won't be the last, but at least we WILL get it :-) And let's not forget the

Ron Stark (KU7Y) Principle: He/she who complains too loudly about the QRP Quarterly will be roused out of bed two days later by the UPS driver, delivering the Editor's Box to their front door :-)

73 and queue our pea DE WA8MCQ

Date: Sun, 29 Jul 2001 17:51:44 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [103752] Oscillators
Message-ID: <5.0.2.1.0.20010729172245.00a985d0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear Gang,
Things that squeal are one of the things that homebrewers do best. (Beer excepted).
This is a FWIW post as I'm not an EE.
I have had really good luck with high C Colpitts VFOs using MOS FETs
The major consideration is thermal....the closer that you can duplicate a thermos bottle the better. All components should have a low temperature coefficient. Silver Mica C's and air core L's work best.
Mechanical stability is a must. Ferrite cores are OK if you want to chase your tail for a few days with temp-comp capacitors.
73 to all
Pete NV4V

Date: Sun, 29 Jul 2001 18:39:35 EDT
From: Fghester@aol.com
To: qrp-l@lehigh.edu
Subject: [103753] Re:%20[qrparci]%20July%202001%20QRP%20Quarterly%20Late--Editor%20Falls%20on%20Hi
Message-ID: <55.18f75dc5.2895eaa7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey... No problem here. I'm grateful to those who work as hard as they do to make my hobby so enjoyable... July? August? Thanks just for doing it at all! / Woody (WD9F)

End of QRP-L Digest 2265

